

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor Application of: Ecker, *et al.*  
Serial No.: 10/660,998  
Filed: 09/12/03  
Entitled: **Methods For Rapid Forensic Analysis of Mitochondrial DNA and Characterization of Mitochondrial DNA Heteroplasmy**  
Group No.: 1637  
Examiner: Chunduru

**AMENDMENT TRANSMITTAL**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**CERTIFICATE OF MAILING UNDER 37 CFR § 1.8(a)(1)(i)(A)**

I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: November 3, 2006

By: 

Mary Ellen Waite

Sir or Madam:

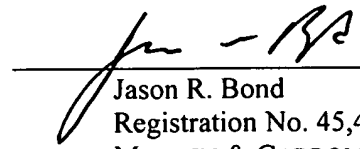
Transmitted herewith is an amendment for this application. The fee has been calculated as shown below:

	Claims Remaining After Amendment		Highest Number Previously Paid For	Present Extra		Rate	Additional Fee
Total Claims	28	—	28	0	X	\$50.00	\$0.00
Independent Claims	3	—	5	0	X	\$200.00	\$0.00

**TOTAL DUE: \$0.00**

1. No fee is due at this time.
2. The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication, and/or credit any overpayment, to **Deposit Account No. 08-1290**. An **originally executed duplicate of this transmittal is enclosed for this purpose.**

Date: November 3, 2006

  
Jason R. Bond  
Registration No. 45,439  
MEDLEN & CARROLL, LLP  
101 Howard Street, Suite 350  
San Francisco, California 94105  
608/218-6900



**PATENT**  
Attorney Docket No. **ISIS-10468**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Ecker, *et al.*  
Serial No.: 10/660,998  
Filed: 09/12/03  
Entitled: **Methods For Rapid Forensic Analysis of Mitochondrial DNA and Characterization of Mitochondrial DNA Heteroplasmy**

Group No.: 1637  
Examiner: S. Chunduru

**RESPONSE TO OFFICE ACTION MAILED  
AUGUST 3, 2006**

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)(1)(i)(A)**

I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on **November 3, 2006**.

By: \_\_\_\_\_

Mary Ellen Waite

Examiner Chunduru:

This communication is responsive to the Office Action mailed August 3, 2006.  
Applicants respectfully request reconsideration of the application in view of the following amendments and remarks.